

EXHIBIT

at the Combined Winter Meeting of the
AMERICAN PHYSICAL SOCIETY

and

AMERICAN ASSOCIATION
OF PHYSICS TEACHERS

January 28-31, 1959

Hotel New Yorker, N.Y.C.

The Meeting will feature an exhibit of research instruments, laboratory apparatus, and technical books by the leading manufacturers and publishers. The following companies have reserved space.

Academic Press
Addison-Wesley
American Tradair
Atomic Associates
Baird-Atomic
Beckman & Whitley
Brinkman Instruments
Cambridge Univ. Press
Consolidated Electrodynamics
Rochester Division
Consultants Bureau
Central Scientific Co.
Ealing Corp.
Gaertner Scientific
General Electric
General Radio
Keithley Instruments
J. Klinger (Leybolt)
Laboratory For Science
Gerard G. Leeds Co.
Madison Associates
McGraw-Hill
Pacific Electro-Nuclear
Pergamon Press
Prentice Hall
Technical Measurement
Vacuum Electronic (Veeco)
Vacuum Instrument
D. Van Nostrand
W. M. Welch Co.
John Wiley and Sons

In addition to the commercial exhibit, there will be an exhibition of apparatus and instruments made by college physics teachers for use in their laboratories and lecture rooms. The competition is sponsored by the Committee on Apparatus for Educational Institutions of the American Association of Physics Teachers and is supported by a grant from the W. M. Welch Company, Chicago, Illinois. Prizes will be awarded for the best displays.

Atomic Mechanisms of Fracture

PAPERS covering theoretical aspects of fracture, cleavage, crystalline and noncrystalline fracture, fatigue and ductile fracture, and high-temperature fracture will be presented at a Seminar on the Atomic Mechanisms of Fracture to be held April 12-14 in Cambridge, Mass. The conference is under the joint sponsorship of the National Science Foundation, the Office of Naval Research, the Air Force Office of Scientific Research, and the National Academy of Sciences—National Research Council. Further information is available from the chairman, Dr. B. L. Averbach, or the secretary, Dr. D. K. Felbeck, Conference on Fracture, National Academy of Sciences—National Research Council, 2101 Constitution Ave., Washington 25, D. C.

Mass Spectrometry

THE Seventh Meeting on Mass Spectrometry will be held at the Statler-Hilton Hotel in Los Angeles during the week of May 17 and will be under the sponsorship of the American Society for Testing Materials Committee E-14 on Mass Spectrometry. Contributed papers on all phases of mass spectrometry are invited and the program committee is making special efforts to arrange symposia of theoretical and analytical interest.

As in previous years, authors will be free to publish in journals of their choice. The deadline for abstracts of papers is February 1 and they should be sent to A. G. Sharkey, Jr., US Bureau of Mines, 4800 Forbes Avenue, Pittsburgh 13, Pa., from whom further information on the meeting is available.

Nuclear Propulsion

PLANS are underway to schedule a nuclear propulsion session during the semiannual meeting of the American Rocket Society which is to be held June 8-11 in San Diego, Calif. Interested persons are invited to submit papers to Dr. Stan Gunn, Rocketdyne, 6633 Canoga Park Avenue, Canoga Park, Calif., before February 1.

Information Processing

THE First International Conference on Information Processing will be comprised of technical sessions, symposia, oral surveys on the status of information processing in the participating countries, and an exhibition of data processing equipment and will be held June 13-22 in the new Unesco Palace in Paris. The conference is being organized by Unesco with the assistance of representatives from France, Sweden, Italy, Belgium, Russia, West Germany, The Netherlands, the United Kingdom, Japan, and the US. A US Committee representing the Institute of Radio Engineers, the Association for Computing Machinery, and the American Institute of Electrical Engineers will coordinate American participation.

The technical program will cover methods of digital